



Form PTO-1449 Modified		Docket No. ACTE-0003	Application No. 10/522,207
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Mezher Hussein Ali, et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date October 27, 2005	Group 1615
		Confirmation No. 3699	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/CC/	1	Abe, A., et al., "Reduction of globotriaosylceramide in fabry disease mice by substrate deprivation," <i>J. Clin. Invest.</i> , 2000 , <i>105</i> (11), 1563-1571
	2	Alessandri, G., et al., "Angiogenic and angiostatic microenvironment in tumors," <i>Acta. Oncol.</i> , 1997 , <i>36</i> , 383-387
	3	Alter, M., "GMI ganglioside for acute ischemic stroke – trial design issues," <i>Ann. NY Acad. Sci.</i> , 1998 , <i>845</i> , 391-401
	4	Bramer, S.L., et al., "Biologic activity of 5'-deoxy-5-fluorouridine by rectal administration," <i>Pharmaceutical Res.</i> , 1989 , <i>6</i> (4), 318-322
	5	Chatterjee, S., et al., "Role of lactosylceramide and MAP kinase in the proliferation of proximal tubular cells in human polycystic kidney disease," <i>J. of Lipid. Res.</i> , 1996 , <i>37</i> , 1334-1344
	6	Chen, C.-S., et al., "Abnormal transport along the lysosomal pathway in mucolipidoses, type IV disease," <i>Proc. Natl. Acad. Sci. USA</i> , 1998 , <i>95</i> , 6373-6378
	7	Choo-Smith, L.-P., et al., "Acceleration of amyloid fibril formation by specific binding of A β -1-(40) peptide to ganglioside-containing membrane vesicles," <i>J. of Biol. Chem.</i> , 1997 , <i>272</i> (37), 22987-22990
	8	Cox, T., et al., "Novel oral treatment of Gaucher's disease with N-butyldeoxyojirimycin (OBT 918) to decrease substrate biosynthesis," <i>The Lancet</i> , 2000 , <i>355</i> , 1481-1485
	9	De Man, P., et al., "Bacterial adherence as a virulence factor in urinary tract infection," <i>APMIS</i> , 1990 , <i>98</i> , 1053-1060
/CC/	10	Fowler, P.A., et al., "Synthesis and activity towards yeast α -glucosidase of 1,5-dideoxy-1,5-imino-L-iditol (1-deoxy-L-idonojirimycin)," <i>Carbohydr. Res.</i> , 1993 , <i>246</i> , 377-381

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/CC/	11	Geisler, F.H., "Clinical trials of pharmacotherapy for spinal cord injury," <i>Ann. NY Acad. Sci.</i> , 1998 , 845, 374-381	
	12	Goodman, L.A., et al., "Ectopic dendrites occur only on cortical pyramidal cells containing elevated GM2 ganglioside in α -mannosidosis," <i>Proc. Natl. Acad. Sci. USA</i> , 1991 , 88, 11330-11334	
	13	Handa, K., et al., "Analysis of glycolipid-dependent cell adhesion based on carbohydrate-carbohydrate interaction," <i>Methods in Enzymol.</i> , 2000 , 312, 447-458	
	14	Hansson, G.C., et al., "A novel approach to the study of glycolipid receptors for viruses," <i>FEBS Lett.</i> , 1984 , 170(1), 15-18	
	15	Jaradowska, A., et al., "Platelet-activating factor production by human fetal microglia," <i>Mol. & Chem. Neuropathol.</i> , 1995 , 24, 95-106	
	16	Jimenez-Lucho, V., et al., " <i>Cryptococcus neoformans</i> , <i>candida albicans</i> , and other fungi bind specifically to the glycosphingolipid lactosylceramide (Gal β 1-4Glc β 1-1Cer), a possible adhesion receptor for yeasts," <i>Infect. & Immun.</i> , 1990 , 58(7), 2085-2090	
	17	Jeyakumar, M., et al., "Delayed symptom onset and increased life expectancy in Sandhoff disease mice treated with N-butyldeoxynojirimycin," <i>Proc. Natl. Acad. Sci. USA</i> , 1999 , 96, 6388-6393	
	18	Lavie, Y., et al., "Agents that reverse multidrug resistance, tamoxifen, verapamil, and cyclosporine A, block glycosphingolipid metabolism by inhibiting ceramide glycosylation in human cancer cells," <i>J. of Biol. Chem.</i> , 1997 , 272(3), 1682-1687	
	19	Li, R., et al., "Cellular gangliosides promote growth factor-induced proliferation of fibroblasts," <i>J. of Biol. Chem.</i> , 2000 , 275(44), 34213-34223	
/CC/	20	Lingwood, C.A., et al., "Analysis of interactions between glycosphingolipids and microbial toxins," <i>Methods in Enzymol.</i> , 2000 , 312, 459-473	
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/CC/	21	Liu, Y.-Y., et al., "Uncoupling ceramide glycosylation by transfection of glucosylceramide synthase antisense reverses adriamycin resistance," <i>J. Biol. Chem.</i> , 2000 , 275(10), 7138-7143
	22	Lucci, A., et al., "Glucosylceramide: a marker for multiple-drug resistant cancers," <i>Anticancer Res.</i> , 1998 , 18, 475-480
	23	McKallip, R., et al., "Tumor gangliosides inhibit the tumor-specific immune response," <i>J. Immunol.</i> , 1999 , 163, 3718-3726
	24	Memon, R.A., et al., "Regulation of glycosphingolipid metabolism in liver during the acute phase response," <i>J. of Biol. Chem.</i> , 1999 , 274(28), 19707-19713
	25	Memon, R.A., et al., "Regulation of sphingolipid and glycosphingolipid metabolism in extrahepatic tissues by endotoxin," <i>J. of Lipid. Res.</i> , 2001 , 42, 452-459
	26	Merrer, Y.L., et al., "Synthesis of azasugars as potent inhibitors of glycosidases," <i>1997</i> , 5(3), 519-533
	27	Nicholson, K.M., et al., "Preferential killing of multidrug-resistant KB cells by inhibitors of glucosylceramide synthase," <i>Br. J. Cancer</i> , 1999 , 81(3), 423-430
	28	Overkleef, H.S., et al., "Generation of specific deoxynojirimycin-type inhibitors of the non-lysosomal glucosylceramidase," <i>J. of Biol. Chem.</i> , 1998 , 273(41), 26522-26527
	29	Platt, F.M., et al., " <i>N</i> -butyldeoxygalactonojirimycin inhibits glycolipid biosynthesis but does not affect <i>N</i> -linked oligosaccharide processing," <i>J. Biol. Chem.</i> , 1994 , 269(43), 27108-27114
/CC/	30	Platt, F.M., et al., "Prevention of lysosomal storage in tay-sachs mice treated with <i>N</i> -butyldeoxynojirimycin," <i>Science</i> , 1997 , 276, 428-431

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/CC/	31	Poitout, L., et al., "Synthesis of azasugars. Part 1 – Simerization of polyhydroxylated piperidines," <i>Tetrahedron Letts.</i> , 1996, 37(10), 1609-1612
	32	Prokazova, N.V., et al., "Gangliosides and atherosclerosis," <i>Lipids</i> , 1994, 29, 1-5
	33	Rao, V.S., et al., "Regioselective eliminations in reactions of carbohydrate derivatives with superoxide, or with borohydride in 2-propanol," <i>Can. J. Chem.</i> , 1981, 59(2), 333-338
	34	Ryan, J.L., et al., "Changes in membrane gangliosides: differentiation of human and murine monocytic cells," <i>Yale J. of Biol. Med.</i> , 1985, 58, 125-131
	35	Schneider, J.S., "GM1 ganglioside in the treatment of Parkinson's Disease," <i>Ann. NY Acad. Sci.</i> , 1998, 845, 363-373
	36	Simons, K., et al., "Functional rafts in cell membranes," <i>Nature</i> , 1997, 387, 569-572
	37	Svensson, M., et al., "Carbohydrate receptor depletion as an antimicrobial strategy for prevention of urinary tract infection," <i>J. of Infect. Dis.</i> , 2001, 183(Suppl. 1), S70 – S73
	38	Yanagisawa, K., et al., "GM1 ganglioside-bound amyloid β -protein ($A\beta$): a possible form of preamyloid in Alzheimer's disease," <i>Nat. Med.</i> , 1995, 1(10), 1062-1066
	39	Yohe, H.C., et al., "Ganglioside alterations in stimulated murine macrophages," <i>Biochimica et Biophys. Acta</i> , 1985, 818, 81-86
/CC/	40	Yohe, H.C., et al., "Ganglioside expression in macrophages from endotoxin responder and nonresponder mice," <i>J. of Immunol.</i> , 1986, 137, 3921-3927

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/CC/	41	Yohe, H.C., et al., "The presence of sialidase-sensitive sialosylgangliotetraosyl ceramide (G_{M1b}) in stimulated murine macrophages," <i>J. of Immunol.</i> , 1991, 146 , 1900-1908
/CC/	42	Zador, I.Z., et al., "A role for glycosphingolipid accumulation in the renal hypertrophy of streptozotocin-induced diabetes mellitus," <i>J. Clin. Invest.</i> , 1993, 91 , 797-803
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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation	
				YES	NO
/CC/	43	WO 02/055498 A1	07/18/02	PCT	
/CC/	44	0 536 402 A1	04/14/93	EP	
/CC/	45	0 698 012 B1	01/29/97	EP	

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